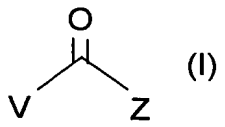
We claim:

1. A herbicidal composition comprising

A) one or more compounds of the formula (I)



(I)

where V is an unsubstituted or substituted heterocyclyl radical or a radical $-CR^{\alpha} = CR^{\beta} R^{\beta 1}$, where R^{α} and R^{β} are identical or different carbon-containing C_1-C_{40} radicals which together can form an unsubstituted or substituted ring, and $R^{\beta 1}$ is OH or a carbon-containing C_1-C_{40} radical, and Z is an unsubstituted or substituted aryl radical, and

B) one or more surfactants comprising, as structural element, at least 10, alkylene oxide units.

2. A herbicidal composition as claimed in claim 1 comprising, as component B), one or more surfactants of the general formula (II)

$$R^{\gamma}\text{-}(EO)_x\,(PO)_y\,(EO)_z\text{-}R^{\delta} \qquad (II)$$

where

EO denotes an ethylene oxide unit,

PO denotes a propylene oxide unit,

x denotes an integer from 1 to 50,

y denotes an integer from 0 to 50,

z denotes an integer from 0 to 50,

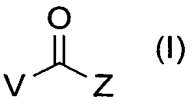
where the total $(x+y+z) \geq 10$ and ≤ 150, and

R^{γ} denotes OH, an unsubstituted or substituted C_1-C_{40}-hydrocarbonoxy radical, an O-acyl radical or $NR^{I}R^{II}$ or $[NR^{I}R^{II}R^{III}]^{\oplus}X^{\ominus}$, where R^{I}, R^{II} and R^{III} are identical or different and denote H or an unsubstituted or substituted C_1-C_{30}-

hydrocarbon radical which can optionally be bound via a group $(EO)_w$, where w is an integer from 1 to 50, $X^{\ominus}$ is an anion, and

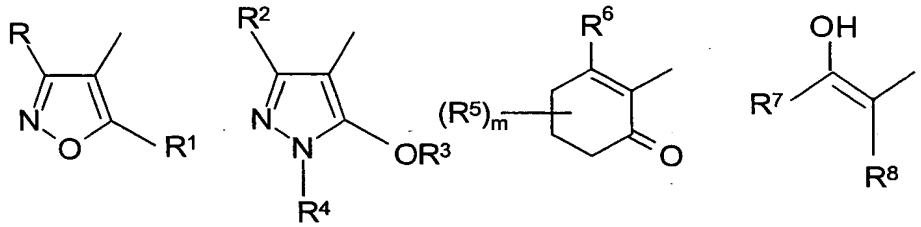
R^{δ} denotes H, an unsubstituted or substituted C_1-C_{40}-hydrocarbon radical, an acyl radical or $NR^{I}R^{II}$ or $[NR^{I}R^{II}R^{III}]^{\oplus}X^{\ominus}$, where R^{I}, R^{II} and R^{III} are identical or different and denote H or an unsubstituted or substituted C_1-C_{30}-hydrocarbon radical which can optionally be bound via a group $(EO)_w$, where w is an integer from 1 to 50, $X^{\ominus}$ is an anion.

3. A herbicidal composition as claimed in claim 1, comprising, as component A), a compound of the formula (I)


(I)

in which

V is a radical selected from the group (V1) to (V4),


(V1) (V2) (V3) (V4)

where the symbols and indices have the following meanings:

R is hydrogen, $(C_1$-$C_{10})$alkoxycarbonyl, $(C_1$-$C_{10})$haloalkoxycarbonyl, $(C_1$-$C_{10})$alkylsulfonyl, $(C_1$-$C_{10})$alkylsulfinyl, $(C_1$-$C_{10})$alkylthio, COOH or cyano;

R^1 is hydrogen or a $(C_1$-$C_{10})$ carbon-containing radical such as $(C_1$-$C_{10})$alkyl, $(C_2$-$C_{10})$alkenyl, $(C_2$-$C_{10})$alkynyl, $(C_3$-$C_{10})$cycloalkyl, $(C_3$-$C_{10})$cycloalkenyl, $(C_1$-$C_{10})$alkyl-$(C_3$-$C_{10})$cycloalkyl, $(C_3$-$C_{10})$halocycloalkyl, $(C_1$-$C_{10})$alkylthio-cycloalkyl, $(C_1$-$C_{10})$haloalkyl or $(C_2$-$C_{10})$haloalkenyl;

R^2 is hydrogen, (C_1-C_{10})alkyl, (C_1-C_{10})alkoxy, (C_1-C_{10})haloalkyl, halogen, (C_1-C_{10})haloalkoxy, cyano or nitro;

R^3 is hydrogen or a (C_1-C_{10}) carbon-containing radical such as (C_1-C_{10})alkyl, (C_2-C_{10})alkenyl, (C_2-C_{10})alkynyl, (C_1-C_{10})haloalkyl, (C_1-C_{10})alkoxy-(C_1-C_{10})alkyl, (C_1-C_{10})alkylcarbonyl, (C_1-C_{10})alkylsulfonyl, (C_1-C_{10})haloalkylsulfonyl, unsubstituted or substituted arylsulfonyl, unsubstituted or substituted arylcarbonyl-(C_1-C_{10})alkyl or unsubstituted or substituted aryl-(C_1-C_{10})alkyl;

R^4 is hydrogen or a (C_1-C_{10}) carbon-containing radical such as (C_1-C_{10})alkyl, (C_2-C_{10})alkenyl, (C_2-C_{10})alkynyl, (C_1-C_{10})haloalkyl, phenyl or benzyl;

R^5 is a (C_1-C_{12}) carbon-containing radical such as (C_1-C_{10})alkyl, (C_1-C_{10})alkoxy, (C_1-C_{10})alkoxy-(C_1-C_{10})alkyl, (C_1-C_{10})dialkoxy-(C_1-C_{10})alkyl, (C_1-C_{10})alkylthio, halogen, substituted or unsubstituted aryl, tetrahydropyran-4-yl, tetrahydropyran-3-yl, tetrahydrothiopyran-3-yl, 1-methylthio-cyclopropyl, 2-ethylthiopropyl, or two radicals R^5 together are (C_2-C_{10})alkylene;

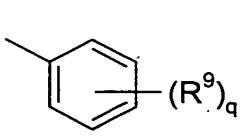
R^6 is hydroxyl or a (C_1-C_{10}) carbon-containing radical such as (C_1-C_{10})alkoxy, (C_1-C_{10})haloalkoxy, formyloxy, (C_1-C_{10})alkylcarbonyloxy, (C_1-C_{10})alkylsulfonyloxy, (C_1-C_{10})alkylthio, (C_1-C_{10})haloalkylthio, unsubstituted or substituted arylthio, unsubstituted or substituted aryloxy, (C_1-C_{10})alkylsulfinyl or (C_1-C_{10})alkylsulfonyl;

R^7 is a (C_1-C_7) carbon-containing radical such as (C_1-C_4) alkyl, (C_1-C_4) haloalkyl, (C_3-C_7) cycloalkyl, (C_1-C_4) alkyl-(C_3-C_7)cycloalkyl, (C_3-C_7) halocycloalkyl;

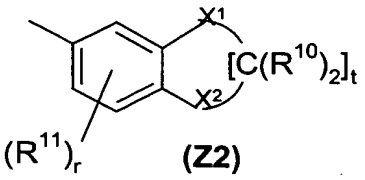
R^8 is a (C_1-C_4) carbon-containing radical such as cyano, (C_1-C_4) alkoxycarbonyl, (C_1-C_4) alkylcarbonyl, (C_1-C_4) alkylsulfonyl, (C_1-C_4) alkylsulfinyl, (C_1-C_4) alkylthio, (C_1-C_4) alkylaminocarbonyl, (C_1-C_4) dialkylaminocarbonyl;

m is an integer from 0 to 6, where, if $m \geq 2$, the radicals R^5 can be identical or different from one another;

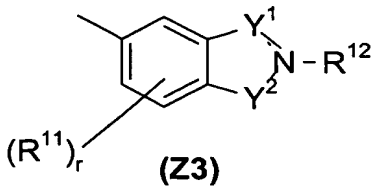
and Z is an unsubstituted or substituted aryl radical, preferably selected from the group (Z1) to (Z5),



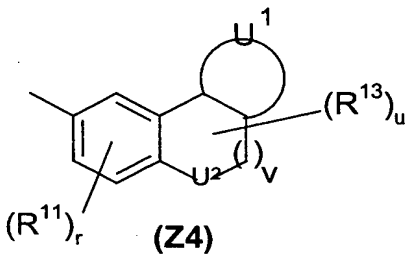
(Z1)



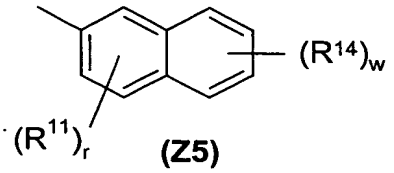
(Z2)



(Z3)



(Z4)



(Z5)

where the symbols and indices have the following meanings:

R^9 radicals are identical or different and are nitro, amino, halogen, OH, SF_5 or a (C_1-C_{10}) carbon-containing radical such as (C_1-C_{10})alkyl, (C_2-C_{10})alkenyl, (C_2-C_{10})alkynyl, (C_1-C_{10})haloalkyl, (C_2-C_{10})haloalkenyl, (C_2-C_{10})haloalkynyl, (C_1-C_{10})haloalkoxy, (C_1-C_{10})haloalkylthio, (C_1-C_{10})alkoxycarbonyl, (C_1-C_{10})alkylsulfonyl, (C_1-C_{10})alkylsulfinyl, (C_1-C_{10})alkylthio, arylsulfonyl, arylsulfinyl, arylthio, (C_1-C_{10})alkoxy, (C_1-C_{10})alkoxy-(C_1-C_{10})alkoxy, (C_1-C_{10})-alkylthio-(C_1-C_{10})-alkoxy, (C_1-C_{10})alkylcarbonyl, (C_1-C_{10})alkylaminosulfonyl, (C_1-C_{10})dialkylaminosulfonyl, (C_1-C_{10})alkylcarbamoyl, (C_1-C_{10})dialkylcarbamoyl, (C_1-C_{10})alkoxy-(C_1-C_{10})alkyl, (C_1-C_{10})haloalkoxy-(C_1-C_{10})alkyl, (C_1-C_4)alkoxy-(C_1-C_4)-alkoxy-(C_1-C_4)-alkoxy-(C_1-C_4)-alkyl, (C_3-C_6)-cycloalkyl-(C_1-C_4)-alkoxy, (C_3-C_6)cycloalkoxy-(C_1-C_4)-alkyl, phenoxy, cyano, alkylamino, dialkylamino, unsubstituted or substituted benzyl, unsubstituted or substituted heteroaryl, unsubstituted or substituted heterocyclyl, 2-tetrahydrofuranyl-(C_1-C_4)alkoxy-(C_1-C_4)-alkyl, unsubstituted or substituted heteroaryl-(C_1-C_{10})alkyl or di-(C_1-C_{10})alkylphosphono-(C_1-C_{10})alkyl;

q is 0, 1, 2, 3, 4 or 5;

R^{10} radicals are identical or different and are hydrogen, (C_1-C_{10})alkyl, halogen;

R^{11} radicals are identical or different and are (C_1-C_{10})alkyl, (C_2-C_{10})alkenyl, (C_2-C_{10})alkynyl, halogen, (C_1-C_{10})haloalkyl, (C_2-C_{10})haloalkenyl, (C_2-C_{10})haloalkynyl, (C_1-C_{10})haloalkoxy, (C_1-C_{10})haloalkylthio, (C_1-

C_{10})alkoxycarbonyl, (C_1-C_{10})alkylsulfonyl, (C_1-C_{10})haloalkylsulfonyl, (C_1-C_{10})alkylsulfinyl, (C_1-C_{10})haloalkylsulfinyl, (C_1-C_{10})alkylthio, (C_1-C_{10})alkoxy, (C_1-C_{10}) alkylcarbonyl, (C_1-C_{10})alkylaminosulfonyl, (C_1-C_{10})dialkylamino-sulfonyl, (C_1-C_{10})alkylcarbamoyl, (C_1-C_{10})dialkylcarbamoyl, (C_1-C_{10})alkoxyalkyl, phenoxy, nitro, cyano, aryl or di-(C_1-C_{10})alkylphosphono-(C_1-C_{10})alkyl;

X^1 is O, $CR^{15}R^{16}$, CHOH, C=O, C=NO(C_1-C_{10})alkyl;

X^2 is O, S, SO, SO_2, CH_2, NH, N(C_1-C_{10})alkyl, NSO_2(C_1-C_{10})alkyl;

R^{15}, R^{16} radicals are identical or different and are hydrogen, (C_1-C_{10})alkyl, (C_1-C_{10})alkoxy, (C_1-C_{10})haloalkoxy, (C_1-C_{10})alkylthio, (C_1-C_{10})haloalkylthio or R^{15} and R^{16} together form one of the groups -O-$(CH_2)_2$-O-, -O-$(CH_2)_3$-O- , S-$(CH_2)_2$-S-, -S-$(CH_2)_3$-S- , -$(CH_2)_4$-, -$(CH_2)_5$-;

r is 0, 1, 2 or 3;

t is 1 or 2;

Y^1, Y^2 are SO_2 or CO, with the proviso that $Y^1 \neq Y^2$,

v is 1 or 2;

U^1 together with the carbon atoms to which it is linked forms a carbocyclic or heterocyclic ring which can be aromatic or fully or partially saturated;

U^2 is O, S, SO, SO_2, CH_2, NH, N(C_1-C_{10})alkyl, NSO_2(C_1-C_{10})alkyl;

R^{12} is hydrogen, (C_1-C_{10})alkyl, (C_3-C_{10})-cycloalkyl, (C_2-C_{10})alkenyl, (C_2-C_{10})alkynyl, optionally substituted phenyl, optionally substituted benzyl, (C_1-C_{10})-acyl;

R^{13} is an unsubstituted or substituted (C_1-C_{10}) hydrocarbon radical such as (C_1-C_{10})alkyl or aryl;

u is 0, 1 or 2;

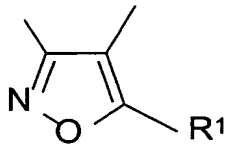
R^{14} radicals are identical or different and are nitro, amino, halogen, SF_5 or a (C_1-C_{10}) carbon-containing radical such as (C_1-C_{10})alkyl, (C_2-C_{10})alkenyl, (C_2-C_{10})alkynyl, (C_1-C_{10})haloalkyl, (C_2-C_{10})haloalkenyl, (C_2-C_{10})haloalkynyl, (C_1-C_{10})haloalkoxy, (C_1-C_{10})haloalkylthio, (C_1-C_{10})alkoxycarbonyl, (C_1-C_{10})alkylsulfonyl, (C_1-C_{10})alkylsulfinyl, (C_1-C_{10})alkylthio, arylsulfonyl, arylsulfinyl, arylthio, (C_1-C_{10})alkoxy, (C_1-C_{10})alkoxy-(C_1-C_{10})alkoxy, (C_1-C_{10})-alkylthio-(C_1-C_{10})-alkoxy, (C_1-C_{10})alkylcarbonyl, (C_1-C_{10})alkylaminosulfonyl,

(C_1-C_{10})dialkylaminosulfonyl, (C_1-C_{10})alkylcarbamoyl, (C_1-C_{10})dialkylcarbamoyl, (C_1-C_{10})alkoxy-(C_1-C_{10})alkyl, (C_1-C_{10})haloalkoxy-(C_1-C_{10})alkyl, phenoxy, cyano, alkylamino, dialkylamino, unsubstituted or substituted benzyl, unsubstituted or substituted heteroaryl, unsubstituted or substituted heterocyclyl, unsubstituted or substituted heteroaryl-(C_1-C_{10})alkyl or di-(C_1-C_{10})alkylphosphono-(C_1-C_{10})alkyl, and

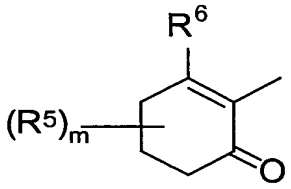
w is 0, 1, 2, 3 or 4.

4. A herbicidal composition as claimed in claim 1, comprising, as component A), a compound of the formula (I) where

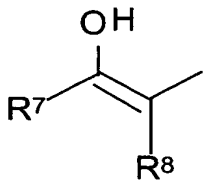
V is a radical (V1), (V3) or (V4),



(V1)



(V3)



(V4)

where the symbols and indices have the following meanings:

R is hydrogen or (C_1-C_4) alkoxycarbonyl;

R^1 is (C_3-C_8)cycloalkyl or (C_1-C_4)alkyl –(C_3-C_8)cycloalkyl

R^5 is (C_1-C_{10})alkyl, (C_1-C_4) alkoxy or two radicals R^5 together are (C_2-C_6)alkylene;

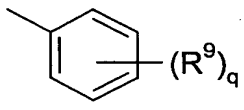
R^6 is hydroxyl, (C_1-C_4) alkoxy or phenylthio;

R^7 is (C_1-C_4) alkyl or (C_3-C_7) cycloalkyl,

R^8 is C_1-C_4 (alkylcarbonyl), (C_1-C_4) alkoxycarbonyl or cyano;

m is 0,1 or 2;

and Z is a radical (Z1),



(Z1)

where the symbols and indices have the following meanings:

R^9 radicals are identical or different and are nitro, halogen, (C_1-C_{10}) haloalkyl, (C_1-C_{10}) alkylsulfonyl, (C_1-C_{10})haloalkoxy, (C_1-C_{10})alkoxy-(C_1-C_{10})-alkyl, (C_1-C_{10}) haloalkoxy-(C_1-C_{10}) alkyl, (C_1-C_4)alkoxy-(C_1-C_4)-alkoxy-(C_1-C_4)-alkoxy-(C_1-C_4)-alkyl, (C_3-C_6)-cycloalkyl-(C_1-C_4)-alkoxy, (C_3-C_6)cycloalkoxy-(C_1-C_4)-alkyl, (C_1-C_{10}) alkoxy –(C_1-C_{10}) alkoxy, 2-tetrahydrofuranyl-(C_1-C_4)alkoxy-(C_1-C_4)-alkyl, or heterocyclyl, which is unsubstituted or substituted by, for example, one or more radicals selected from the group halogen, (C_1-C_{10}) alkoxy, (C_1-C_{10})haloalkoxy, (C_1-C_{10}) alkylthio, hydroxyl, amino, nitro, carboxyl, cyano, azido, (C_1-C_{10})alkoxycarbonyl, (C_1-C_{10})alkylcarbonyl, formyl, carbamoyl, mono- and di-(C_1-C_{10})alkylaminocarbonyl, acylamino, mono- and di-(C_1-C_{10})alkylamino, (C_1-C_{10})alkylsulfinyl, (C_1-C_{10})haloalkylsulfinyl, (C_1-C_{10})alkylsulfonyl, (C_1-C_{10})haloalkylsulfonyl or unsubstituted or substituted (C_1-C_{10})alkyl such as (C_1-C_{10})haloalkyl, (C_1-C_{10})alkoxyalkyl, (C_1-C_{10})haloalkoxyalkyl, (C_1-C_{10})alkylthioalkyl, (C_1-C_{10})hydroxyalkyl, (C_1-C_{10})aminoalkyl, (C_1-C_{10})nitroalkyl, (C_1-C_{10})carboxyalkyl, (C_1-C_{10})cyanoalkyl or (C_1-C_{10})azidoalkyl,

q is 0, 1, 2, 3, 4 or 5, preferably 2 or 3.

5. A herbicidal composition as claimed in claim 1 comprising, as component A), a compound of the formula (I)

where the symbols and indices have the following meanings:

V is the radical (V 2);

R^2 is hydrogen, (C_1-C_4)-alkyl or (C_1-C_4)-alkoxy;

R^3 is hydrogen or (C_1-C_4)-alkylsulfonyl;

R^4 is methyl, ethyl or n-propyl;

Z is the radical (Z 1);

R^9 radicals are identical or different and are nitro, halogen, (C_1-C_4)haloalkyl or (C_1-C_4)alkylsulfonyl;

q is 2 or 3.

6. A herbicidal composition as claimed in claim 1 comprising, as component A), a compound of the formula (I) where the symbols and indices have the following meanings:

V is a radical (V 1) or (V 3);

R is hydrogen, methoxycarbonyl or ethoxycarbonyl;

R^1 is cyclopropyl;

R^5 is methyl;

R^6 is hydroxyl;

m is 0, 1 or 2;

Z is the radical (Z 1);

R^9 radicals are identical or different and are nitro, chlorine, fluorine, bromine, (C_1-C_4)-haloalkyl, (C_1-C_4)-alkylsulfonyl, (C_1-C_4)-haloalkoxy, (C_1-C_4)-alkoxy-(C_1-C_4)-alkyl, (C_1-C_4)-haloalkoxy-(C_1-C_4)-alkyl, 2-tetrahydrofuranyl-methoxymethyl, (C_1-C_2)alkoxy-(C_1-C_4)alkoxy-(C_1-C_4)alkoxy-(C_1-C_4)-alkyl, (C_3-C_6)-cycloalkoxy-(C_1-C_2)alkyl, (C_3-C_6)-cycloalkyl-(C_1-C_2)-alkoxy, (C_1-C_4)-alkoxy-(C_1-C_4)-alkoxy or are 4,5-dihydroisoxazol-3-yl which is substituted by a radical selected from the group consisting of cyanomethyl, ethoxymethyl and methoxymethyl,

q is 2 or 3.

7. A herbicidal composition as claimed in claim 1 comprising, as component A), a compound of the formula (I) where the symbols and indices have the following meanings:

V is the radical (V 2);

R^2 is hydrogen, methyl or ethyl;

R^3 is hydrogen, methylsulfonyl or ethylsulfonyl;

R^4 is methyl, ethyl or n-propyl;

Z is the radical (Z 1);

R^9 radicals are identical or different and are methylsulfonyl, ethylsulfonyl, chlorine, bromine, fluorine, trifluoromethyl, (C_1-C_4)-alkoxy, (C_1-C_4)-haloalkoxy or (C_1-C_4)haloalkoxy-(C_1-C_4)-alkyl;

q is 2 or 3.

8. A herbicidal composition as claimed in claim 1, additionally comprising one or more further components selected from the group containing agrochemical active ingredients of a different type, additives conventionally used in crop protection, and formulations relating thereto.

9. A method of controlling harmful plants, wherein the herbicidal composition defined as in claim 1 is applied to the plants, plant parts, seeds of the plants or the area under cultivation pre-emergence, post-emergence or pre- and post-emergence.

10. The method as claimed in claim 9 for the selective control of harmful plants in plant crops.

11. The use of the herbicidal composition as defined in claim 1 for controlling harmful plants.

12. A process for the preparation of the herbicidal composition defined as in one or more of claims 1 to 8, wherein the compound(s) of the formula (I) is/are mixed with one or more surfactants B).

13. The process as claimed in claim 12, wherein components A) and B) are mixed with water and/or an oil by the tank mix method.